

Security Device Symbols

◀C SURVEILLANCE CAMERA (DEVICE PROVIDED BY SECURITY VENDOR).

◀D PROVIDE A 4" SQUARE X 2 ½" DEEP BOX WITH SINGLE GANG DEVICE RING AND 1" EMT CONDUIT TO NEAREST ACCESSIBLE BASKET TRAY. MOUNT 90° A/F. UNLESS OTHERWISE NOTED.

◀ED AED MACHINE CABINET. PROVIDE 1" EMT CONDUIT FROM ACCESSIBLE BASKET TRAY TO EQUIPMENT CABINET. (COORDINATE EXACT LOCATION WITH ARCHITECTS)

◀R CARD READER (DEVICE PROVIDED BY SECURITY VENDOR). PROVIDE A 4" SQUARE X 2 ½" DEEP BOX WITH SINGLE GANG DEVICE RING AND 1" EMT CONDUIT TO ACCESSIBLE BASKET TRAY.

Ⓢ EMERGENCY PHONE CONCRETE BASE. PROVIDE CONDUIT AS NOTED ON DETAIL DRAWING.

◻FMR WALL MOUNTED EMERGENCY PHONE (DEVICE PROVIDED BY SECURITY VENDOR). PROVIDE 1" CONDUIT AND CONNECT TO OWNER PROVIDED HOUSING. EXTEND CONDUIT TO NEAREST ACCESSIBLE BASKET TRAY.

NOTES:

CONTRACTOR TO PROVIDE ALL PATHWAYS FOR SECURITY DEVICE LOCATIONS. EACH LOCATION WILL BE EXTENDED TO THE FLOOR SERVING THE LOCATION. INSTALL PULL UNES IN NEAREST ACCESSIBLE BASKET TRAY. ALL SECURITY CONDUITS SUITABLE FOR PULLING CABLE. SECURITY WIRING AND DEVICES PROVIDED BY SECURITY VENDOR.

Telephone System Symbols

BT BASKET TRAY. UL LISTED 2"D X 6"W AND MANUFACTURER APPROVED ACCESSORIES. SUPPORT ALL TRAY USING CENTER HUNG STYLE SUPPORT SYSTEM.

◻FD COMBINATION POWER/DATA RECESSED RAISED FLOOR DEVICE BOX. PROVIDE A MULTI-MEDIA INSERT PLATE COMPATIBLE WITH FLOORBOX MANUFACTURER (SEE SPECIFICATIONS). 1" EMT CONDUIT STUB AND (4) FOUR CATEGORY 6 UTP CABLES FROM FLOOR SERVING TELECOM ROOM. ROUTE CABLES UNDER FLOOR AS INDICATED ON DRAWINGS.

▷ TELEPHONE/DATA OUTLET. MTD. 18" A.F.F. UNLESS OTHERWISE NOTED. (4) CATEGORY 6 UTP CABLES FROM FLOOR SERVING TELECOM ROOM. 4" SQUARE X 2 ½" DEEP BOX WITH DOUBLE GANG DEVICE RING AND 1" EMT CONDUIT STUB UNDER RAISED FLOOR OR TO BASKET TRAY AS INDICATED ON DRAWINGS.

W▷ TELEPHONE WALL OUTLET. 4" SQUARE X 2 ½" DEEP BOX WITH SINGLE GANG DEVICE RING AND 1" EMT CONDUIT STUB UNDER RAISED FLOOR OR TO BASKET TRAY AS INDICATED ON DRAWINGS. PROVIDE (1) CATEGORY 6 UTP CABLE FROM FLOOR SERVING TELECOM ROOM.

ⓈWIRELESS OUTLET. PROVIDE (1) CATEGORY 6 UTP CABLE IN CEILING SPACE FROM FLOOR SERVING TELECOM ROOM. TERMINATE ON SURFACE JACK ABOVE CEILING AND COIL 10FT OF SLACK ABOVE CEILING OR AT JACK LOCATION.

◀ CANV OUTLET MTD 90" A.F.F. (1) ONE RG-6U COAX CABLE FROM OUTLET LOCATION TO THE FLOOR SERVING TELECOM ROOM. 4" SQUARE X 2 ½" DEEP BOX. WITH SINGLE GANG DEVICE RING AND 1" EMT CONDUIT STUB UNDER RAISED FLOOR OR TO BASKET TRAY AS INDICATED ON DRAWINGS.

◻F-R FIRE-RATED SLEEVE. PROVIDE FIRE RATED SLEEVE TO ACCOMMODATE ALL INSTALLED CABLES AND ONE EMPTY SPARE. FIRE RATED SLEEVE MANUFACTURED BY SPECIFIED TECHNOLOGIES INC. E-Z PATH OR APPROVED EQUAL.

◻MG8 TELECOMMUNICATION MAIN GROUND BAR. TA-607 STYLE. # GBP144241WGB AS MANUFACTURED BY HARGER OR APPROVED EQUAL.

◻TG8 TELECOMMUNICATION GROUNDING BAR. TA-607 STYLE. # GBP14212TGB AS MANUFACTURED BY HARGER OR APPROVED EQUAL.

Nurse Call Symbols

◻DOME LIGHT

◻DOME LIGHT (CEILING MOUNTED)

◻ZONE LIGHT

◻ZONE LIGHT (CEILING MOUNTED)

◻PULL CORD

◻WATER PROOF PULL CORD

◻ANNUNCIATOR

◻CONTROL HEADEND EQUIPMENT

General Notes

- ALL EMPTY CONDUITS SHALL HAVE A MEASURING TAPE INSTALLED WITHIN THEM. THE TAPE SHALL BE SUITABLE FOR USE AS A PULL LINE (TAPE SHALL BE RATED AT 130 LB TENSILE STRENGTH (GREENLEE 435 OR EQUAL) SIZES 2 INCHES OR LARGER SHALL BE SUPPLEMENTED WITH A 200 LB. NYLON PULL LINE, TIED AT BOTH ENDS TO MEASURING TAPE.
- ALL PULL UNES SHALL BE IDENTIFIED LISTING ORIGIN, INTERMEDIATE PULL POINTS AND TERMINATION POINT.
- WHERE CONDUIT OR CABLES PASS THROUGH FIRE RATED FLOORS OR WALLS, THE SLEEVES SHALL BE COMPLETELY SEALED WITH A FIRESTOP MATERIAL THAT IS UL LISTED AND ACCEPTED BY THE BUILDING DEPARTMENT AND FIRE DEPARTMENT AS BEING SUITABLE FOR THIS SERVICE. THIS MATERIAL SHALL BE INSTALLED IN ACCORDANCE WITH THE REQUIREMENTS OF THE MANUFACTURER TO MAINTAIN THE FIRE RATING OF THE PENETRATED WALL OR FLOOR.
- DRAWINGS ARE DIAGRAMATIC ONLY. REFER TO ARCHITECTURAL DRAWINGS FOR EXACT LOCATIONS OF DEVICES AND FLOOR BOXES.
- ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE LATEST EDITION OF THE NATIONAL ELECTRICAL CODE (NFPA 70) AND LOCAL APPLICABLE CODES.
- PROVIDE PROPER ACCESS PANELS AS SPECIFIED IN SECTION 08305 IN WALLS, THE CEILINGS FOR ANY EQUIPMENT, PULL BOX AND JUNCTION BOX. PANELS TO BE PROVIDED BY TRADE CONTRACTOR FOR INSTALLATION BY G.C.
- THE CONTRACTOR SHALL VERIFY ALL LOCATIONS OF DEVICES PRIOR TO INSTALLATION. THE CONTRACTOR IS RESPONSIBLE FOR ALL MEANS AND METHODS OF INSTALLATION. ALL ROUTING AND INSTALLATION OF RACEWAY FEEDING DEVICES SHALL BE CONCEALED UNLESS OTHERWISE APPROVED.
- GROUND ALL TELECOMMUNICATION RACEWAYS AS REQUIRED BY THE NATIONAL ELECTRICAL CODE.
- REFERENCE THE VA "BARRIER FREE DESIGN HANDBOOK" FOR PROPER MOUNTING HEIGHTS AND INSTALLATION REQUIREMENTS

CONSULTANTS:



HDR Architecture, Inc.

1100 King Street, Suite 400 | Alexandria, Virginia 22314-2041 | 703.318.8000

ARCHITECT/ENGINEERS:

ARCHITECTURE
ENGINEERING
INTERIOR DESIGN
DESIGN/BUILD
ASTORINO

227 First Pine Boulevard | Potomac, Maryland 20854
TEL: 410-350-1200 FAX: 410-350-1171 www.astorino.com

Drawing Title
Telecommunication
Symbols and Abbreviations

Project Title
**VA CARES CONSOLIDATION
VAMC, PITTSBURGH, PA
RESEARCH OFFICE BLDG.**

Location
VAPHS UNIVERSITY DRIVE

Date
08-18-10

Prepared
REM

Drawn
JMG

Dwg. -- of --
ETO-001

Project Number
646CA2500R

Building Number
30

Office of
Facilities
Management

